

ASPULL,

Nr. WIGAN,

February 15th, 1909.

To the Chairman and Members of the Aspull Urban District Council.

Gentlemen,

I beg to submit to you my Annual Report for the year ending December 31st, 1908, together with the lists and tables required by the Local Government Board and County Council.

During the past year ten more deaths have been registered than in the previous year, consequently the Death-rate will be slightly greater. This may be accounted for to a great extent by the increase of births, which number 57 more than in 1907.

Deaths during the year, 147. Males 79, Females 68.

Births ,, ,, 298. Males 165, Females 133.

Death-rate for the year	17.5 per 1000.
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Average Death-rate for past 10 years	...	18.7	„
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Birth-rate for the year	35.5	„
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Average Birth-rate for past 10 years	...	34.8	„
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Deaths under one year	41.
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Infantile Mortality rate	137.5 per 1,000 Births.
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Average Infantile Mortality rate for past 10 years 166.4 per 1,000 Births

The Birth-rate which had been steadily declining for the past three or four years, is the largest of any during the past ten years.

Table I. gives particulars of the Births and Deaths in the various wards and in the whole township during the year.

TABLE I. BIRTHS AND DEATHS DURING 1908.

BIRTHS.												DEATHS.												
North Ward			East Ward			New Springs Ward			Whole Township			North Ward			East Ward			New Springs Ward			Whole Township			
	M	F	To- tal	M	F	To- tal	M	F	To- tal	M	F	To- tal	M	F	To- tal	M	F	To- tal	M	F	To- tal	M	F	To- tal
Jan.	3	4	7	4	4	8	6	9	15	13	17	30	5	—	5	1	—	1	1	5	6	7	5	12
Feb.	3	9	12	4	4	8	6	6	12	13	19	32	—	4	4	5	2	7	2	6	8	7	12	19
Mar.	2	—	2	7	3	10	5	4	9	14	7	21	2	1	3	4	2	6	3	3	6	9	6	15
April	6	2	8	4	1	5	5	7	12	15	10	25	2	—	2	4	4	8	1	3	4	7	7	14
May	2	2	4	3	2	5	6	3	9	11	7	18	2	1	3	3	3	6	3	1	4	8	5	13
June	3	2	5	3	5	8	12	1	13	18	8	26	—	—	—	1	3	4	2	5	7	3	8	11
July	9	3	12	5	3	8	4	9	13	18	15	33	5	—	5	2	—	2	2	1	3	9	1	10
Aug.	3	6	9	3	6	9	5	1	6	11	13	24	—	2	2	1	1	2	4	3	7	5	6	11
Sept.	5	1	6	3	4	7	3	1	4	11	6	17	—	1	1	—	2	2	1	3	4	1	6	7
Oct.	5	4	9	4	3	7	8	10	18	17	17	34	—	—	—	1	—	1	1	4	5	2	4	6
Nov.	5	2	7	—	1	1	4	4	8	9	7	16	1	1	2	—	—	—	4	2	6	5	3	8
Dec.	2	2	4	3	2	5	10	3	13	15	7	22	4	—	4	4	1	5	—	—	—	8	1	9
Totals 48 37 85 43 38 81 74 58 132 165 133 298												21 10 31 26 18 44 24 36 60 71 64 135												
Outside District 12																								
Total 147																								

The infectious diseases most prevalent during the year were Whooping Cough and Influenza. A few cases of Measles of a very mild type came under notice, but no deaths were recorded as due to it.

In January and February the district was visited by an extensive epidemic of Influenza. The disease was in many cases exceptionally severe, and convalescence in many instances protracted. Three deaths were attributed to it. This was followed by an outbreak of Whooping Cough, which continued from March until June, resulting in 13 deaths.

It was not found necessary to close any of the schools during the year.

The Zymotic Death-rate for the year is 2.98, the total number of deaths attributable to these diseases being 25, which is exactly the same as 1907; but, whereas in 1907 we had 7 deaths from Measles, 3 from Scarlet Fever, and one from Whooping Cough, during the past year we have had 13 deaths from Whooping Cough, and none from either Scarlet Fever or Measles.

Tables II., III., and IV. might be considered in connection with the above remarks on infectious diseases during the year.

Twenty-two cases of Scarlet Fever were reported, and these were scattered over the district, but no deaths resulted.

There were 9 cases of Enteric Fever, 4 were removed to the Sanatorium, 2 of whom died in that institution.

Two occurred in Ratcliffe Road.
 One „ Stanley Road.
 Two „ Bolton Road.
 One „ Bolney Street.
 Two „ Withington Lane, and
 One „ Leeds Street.

The cases, it will be noted, were scattered over the township, and could not be traced to any particular source. The premises and surroundings were in each instance inspected, and received attention.

Four cases of Diphtheria were reported:

Two occurred in Stanley Road.
 One „ Haigh Road, and
 One „ Bolton Road,

one death resulting.

Also a few cases of Erysipelas and Membranous Croup, bringing the total of notifiable diseases to 51, or 29 fewer than in the preceding year.

TABLE II.

SHEWING MONTHLY INCIDENCE OF INFECTIOUS DISEASE.

Month	Scarlet Fever	Diphtheria	Mem- branous Croup	Erysipelas	Enteric Fever	Continued Fever	Puerperal Fever.	Totals
January	9	0	0	1	2	0	1	13
February	1	0	0	0	0	0	1	2
March	0	0	0	0	0	0	0	0
April	1	1	0	4	1	0	0	7
May	2	0	0	2	2	0	0	6
June	0	1	0	1	1	0	0	3
July	0	0	0	2	0	0	0	2
August	2	2	0	0	0	0	0	4
September	2	0	0	2	0	0	0	4
October	1	0	0	1	1	0	0	3
November	4	0	0	0	2	0	0	6
December	0	0	0	1	0	0	0	1
Totals	22	4	0	14	9	0	2	51

DEATHS FROM INFECTIOUS DISEASES.

TABLE III.

Disease	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Smallpox	0	0	0	0	0	0	0	0	0	0	0	0	0
Cholera	0	0	0	0	0	0	0	0	0	0	0	0	0
Diphtheria	0	0	0	1	0	0	0	0	0	0	0	0	1
Membranous Croup	0	0	0	0	0	0	0	0	0	0	0	0	0
Erysipelas	1	0	0	0	0	0	0	0	0	0	0	0	1
Fever {	Typhus	0	0	0	0	0	0	0	0	0	0	0	0
	Enteric	0	1	0	0	0	0	0	0	0	0	1	2
	Relapsing	0	0	0	0	0	0	0	0	0	0	0	0
	Continued	0	0	0	0	0	0	0	0	0	0	0	0
	Puerperal	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0
Chicken-pox	0	0	0	0	0	0	0	0	0	0	0	0	0
Whooping Cough	0	0	5	2	2	3	1	0	0	0	0	0	13
Scarlet Fever	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	1	1	5	3	2	3	1	0	0	0	0	1	17

TABLE IV.

AGE-INCIDENCE OF INFECTIOUS DISEASE.

Disease.	Under 1 year.	1-5.	5-15.	15-25.	25-65.	Over 65.	All Ages.
Scarlet Fever	0	9	11	1	1	0	22
Diphtheria	0	3	1	0	0	0	4
Membranous Croup	0	0	0	0	0	0	0
Erysipelas	0	1	0	0	12	1	14
Enteric Fever	0	2	3	2	2	0	9
Puerperal Fever	0	0	0	0	2	0	2
Totals	0	15	15	3	17	1	51

TABLE V.

TABLE SHOWING ZYMOTIC DEATH-RATE.

Disease.	No. of Cases.	Rate per 1,000.
Whooping Cough	13	1.551
Diphtheria	1	.119
Diarrhoea	8	.954
Erysipelas	1	.119
Enteric Fever	2	.238
Totals.....	25	2.98

I would like to call your attention to the short Table VI., which contrasts the death rate of three important groups of disease. Zymotic, Pulmonary, and Tubercular. This Table points out that in every 1000 deaths 170 are due to Zymotic disease, 27 to Tuberculous disease, and 326 to Pulmonary disease such as Bronchitis and Pneumonia.

TABLE VI.

SHEWING ZYMOTIC, TUBERCULAR AND PULMONARY DEATH-RATES.

Disease.	No. of Deaths.	Rate 1000 living.	Rate per 1000 Deaths.
Zymotic	25	2.981	170.06
Tubercular	4	.477	27.21
Pulmonary	48	5.727	326.53
Totals	77	9.185	523.80

The workshops have been inspected and are clean and in good order.

The weaving shed at Dicconson Mill has been dismantled, and two new ones erected, the present sanitary arrangements will be discarded, and the erection of more commodious ones is under contemplation.

The drainage is good and the sewage is dealt with by the Wigan Authorities.

The roads and streets are undergoing steady improvement; the projected re-making of Mill Lane will much benefit the people living in that locality.

The Cowsheds and Dairies are generally satisfactory, but I propose bringing under your notice several in which I think certain alterations are desirable. The dairy at Bark Hill Farm which was reported some time ago, has not been materially altered; the floor is much below the outside ground, with no means of drainage, badly lighted and ventilated; and, in its present state not fit to be used as a dairy.

Periodical inspections of the district have been made by myself and your Inspector.

For several years I had to draw your attention to defective water supply; this I am pleased to say has been remedied. As you know the pipes were bored and cleansed with most satisfactory results.

A large accumulation was found in the pipes amounting in the aggregate to many tons. The supply is now satisfactory, and the quality of the water good. I would suggest, however, frequent flushing of the mains.

No offensive trades have been carried on during the year, and it has not been necessary to condemn any article of food exposed for sale.

Mr. HENRY GIBSON, the Sanitary Officer, reports as follows:

Nature of Nuisance.	Abated.	Not Abated.
Defective Drains, Gullies, Closets, etc.	45	...
Overcrowded Houses	12	...
Defective Closets, etc.	10	2
Water in Ashpits	15	...
	82	2
	—	—
Houses Fumigated ... ..	...	23
Houses Cleansed and Whitewashed ... ..	...	16
New Closets ... ..	...	8
New Water Closets ... ..	...	4
Drains Tested ... ..	...	7

Total number of Closets in District	...	...	...	...	...	...	943
„ „ Fresh water do. in District	...	...	...	...	...	...	50
„ „ Waste do. do. „	...	...	...	...	...	...	15
„ „ Pail do. ...	...	...	...	...	...	...	24
Total							1032

I am Gentlemen,

Yours obediently,

L. COOKE,
Medical Officer of Health.

TABLE I.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1908 AND PREVIOUS YEARS.
DISTRICT OF ASPULL.

YEAR	Population estimated to Middle of each Year	BIRTHS		TOTAL DEATHS REGISTERED. IN THE DISTRICT				Total Deaths in Public Institu- tions in the District	Deaths of Non- residents registered in Public Institu- tions in the District	Deaths of Residents registered in Public Institu- tions beyond the District	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number	Rate*	Under 1 Year of Age		At all Ages					Number	Rate*
				Number	Rate per 1000 Births regist'd	Number	Rate*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1898	8952	291	32.5	45	154.6	169	18.8	...	...	...	169	18.8
1899	9000	313	34.7	64	204.4	162	18.0	...	...	...	162	18.0
1900	„	309	34.3	57	181.1	172	19.2	...	...	...	173	19.2
1901	8380	310	36.9	47	151.6	187	22.3	...	...	7	187	22.3
1902	„	308	35.5	47	152.5	166	19.3	...	...	4	166	19.3
1903	„	316	37.7	58	183.5	178	21.3	...	...	10	178	21.3
1904	„	327	39.0	49	149.8	151	18.01	...	...	10	151	18.01
1905	„	291	34.6	61	209.6	154	18.3	...	...	3	154	18.3
1906	„	292	34.8	33	113.01	125	14.9	..	...	8	133	15.8
1907	„	241	28.7	39	161.8	133	15.8	...	...	4	137	16.3
Averages for years 1898-1907	8561	329	34.8	50	166.4	159	18.7	...	...	6	161	18.7
1908	8380	298	35.5	41	137.5	135	16.10	...	...	12	147	17.5

* Rate in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

Area of District in Acres (exclusive of area covered by water) ... 1905.

Total population at all ages	8380	} At Census of 1901.
Number of inhabited houses	...	...	...	1616
Average number of persons per house	...	...	...	5

I. Institutions within the District receiving sick and infirm persons from outside the District.	II. Institutions outside the District receiving sick and infirm persons from the District.	III. Other institutions, the deaths in which have been distributed among the several localities in the District.
Nil.	Wigan Infirmary Wigan Sanatorium for Infectious Disease.	
Is the Union Workhouse within the District? No.		

TABLE II.

VITAL STATISTICS OF SEPARATE LOCALITIES IN 1908 AND PREVIOUS YEARS.

DISTRICT OF ASPULL.

Year.	Population esti- mated to middle of each year.	Births registered	Deaths at all ages.	Deaths under 1 year.
1898 ...	... 8952	291	169	45
1899 ...	... 9000	313	162	64
1900 ...	... „	309	172	57
1901 ...	... 8380	310	187	47
1902 ...	... „	308	166	47
1903 ...	... „	316	178	58
1904 ...	... „	327	151	49
1905 ...	... „	291	154	61
1906 ...	... „	292	125	33
1907 ...	... „	241	133	39
<hr/>				
Averages of years 1898 to 1907.	{ 8561	329	159	50
<hr/>				
1908 ...	... 8380	298	147	41

TABLE III.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1908.

DISTRICT OF ASPULL.

Notifiable Disease.	Cases Notified in whole District. At Ages—Years.					65 and upwards.	Total cases removed to Hospital.
	At all Ages.	1 to 5.	5 to 15.	15 to 25.	25 to 65,		
Diphtheria (including Membranous Croup) ...	4	3	1	0	0	0	0
Erysipelas ...	14	1	0	0	12	1	0
Scarlet Fever ...	22	9	11	1	1	0	0
Enteric Fever ...	9	2	0	2	2	0	4
Puerperal Fever ...	2	0	3	0	2	0	0
Totals ...	51	15	15	3	17	1	4

TABLE IV.

CAUSES OF, AND AGES AT, DEATH DURING YEAR 1908.

DISTRICT OF ASPULL.

Cause of Death.	All Ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.
Whooping Cough	13	5	8	0	0	0	0
Diphtheria (including Membranous Croup)	1	0	0	1	0	0	0
Fever—Enteric	2	0	0	2	0	0	0
Epidemic Influenza ...	3	0	0	0	0	2	1
Diarrhoea	8	8	0	0	0	0	0
Enteritis	1	0	1	0	0	0	0
Erysipelas	1	0	0	0	0	1	0
Phthisis (Pulmonary Tuberculosis)	4	0	0	0	0	4	0
Cancer, malignant disease	5	0	0	0	0	3	2
Bronchitis	16	3	1	0	0	5	7
Pneumonia	29	9	4	1	4	10	1
Pleurisy	1	0	0	1	0	0	0
Other Diseases of Respiratory Organs	2	0	0	0	0	2	0
Premature Birth	4	4	0	0	0	0	0
Heart Diseases	13	1	1	1	1	7	2
Accidents	7	0	0	2	3	2	0
All other causes	37	11	3	1	0	11	11
All causes ...	147	41	18	9	8	47	24

TABLE V.

INFANTILE MORTALITY DURING THE YEAR 1908.																
Deaths from stated Causes in Weeks and Months under One Year of Age.																
	Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month	1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months
All Causes—Certified	2	3	3	...	8	5	3	4	2	5	3	4	3	1	2	1
Whooping Cough .....	...	...	...	...	...	...	...	1	...	1	...	...	2	1	...	...
Diarrhœa, all forms .....	...	...	...	...	...	1	1	1	...	...	1	1	...	...	...	...
Enteritis, Muco-enteritis { Gastro-enteritis	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...	...
Premature Birth	1	1	2	...	4	...	...	...	...	...	...	...	...	...	...	...
Congenital Defects	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Atrophy, Debility, Marasmus	...	1	...	...	1	1	...	1	...	1	1	2	...	...	...	...
Convulsions .....	...	1	1	...	2	2	...	...	...	...	...	...	...	...	...	...
Bronchitis .....	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	1
Pneumonia .....	...	...	...	...	...	...	1	...	1	2	1	1	1	...	2	...
Totals	2	3	3	...	8	5	3	4	2	5	3	4	3	1	2	1

Population (Estimated to middle of 1908)—8380.

Births in the year—Legitimate 287 ; illegitimate 11.

Deaths in the year of Legitimate infants 39 ; illegitimate infants 2.

Deaths from all Causes at all Ages, 147.

FORM 572.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1908,
FOR THE URBAN DISTRICT OF ASPULL,
on the administration of the Factory and Workshop Act, 1901, in connection with
FACTORIES, WORKSHOPS, WORKPLACES AND HOMEWORK.

1.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of Inspections.
Factories (including Factory Laundries)	2
Workshops (including Workshop Laundries)	34
Workplaces (other than Outworkers' premises included in Part 3 of this Report)	2
	38

2.—DEFECTS FOUND.

Nuisances under the Public Health Acts:

Premises.	NUMBER OF DEFECTS.	
	Found.	Referred to H.M. Inspector.
Sanitary accommodation—unsuitable or defective	Total 1	1

COUNTY OF LANCASTER.
URBAN DISTRICT OF ASPULL.

Area in Statute Acres: 1905. Population (Census) 1901: 8380. Population (Estimated): 8380.

Name of Medical Officer of Health: L. Cooke. Salary: £35.

Births registered: Male 165, Female 133. Total 298.

Deaths registered: (Nett deaths belonging to the district): Male 79, Female 68. Total 147.

Number of Illegitimate Births registered: 11. Deaths of Illegimates under one year of age: 2.

Birth Rate: 35.5. Death Rate: 17.5. Rate of Infant Deaths under 1 year, to 1000 Births: 34.8.

Death Rate from the * seven principal epidemic Diseases per 1000 of population: 2.98.

Diseases prevalent? Whooping Cough, Influenza. Period? March, June, January and February.

What Action taken? — Any Schools Closed? No. If so, for what disease? —

What is the character of the Hospital Accommodation? For Small-pox: Good. For other Infectious Diseases: Good.

† Is it Joint or otherwise? (See footnote). Joint. Two guineas per week for each patient—no retaining fee.

Number of Beds available for your District? For Small-pox: — For other Infectious Diseases: 50.

Number of cases removed from your District? Enteric Fever, 4. Total 4.

Deaths in Hospital of patients from your district? From what causes? 2 Enteric Fever.

How is Disinfection carried out? Houses: Fumigation. Clothing, Bedding, &c.: Taken to Wigan Sanatorium. Apparatus used? — Where situated? Wigan.

Number of cases of Infectious Disease reported under the Notification Act? 51.

Are any Diseases not specifically mentioned in the Act notifiable (for instance, Measles, Whooping Cough, Diarrhoea, Chicken Pox, &c.)? It so, what are they? No.

Has any arrangement been made for the "voluntary" notification of Phthisis? No.

Is Diphtheritic Anti-Toxin supplied to Medical Practitioners free of charge? Yes.

Action taken under "The Housing of the Working Classes Acts": No. of Houses condemned, None; Closed? None; Demolished? None; Made habitable? —

From where is the Water Supply obtained? Rivington Water shed, via Bolton. What is its condition? Good. Is it subject to your inspection? Yes.

Is Scavenging carried out satisfactorily? Yes. How performed: By Sanitary Authority, Contract, or Occupiers of Houses? Contract.

How is the Refuse disposed of? Deposited on Farm land. Has a Destructor been provided? No.

What is the character of Drainage and the form of Sewage Disposal? Good. Taken by Wigan.

What is the condition of Bakehouses? Good; Slaughter-Houses? Good; Lodging Houses? Good.

What is the sanitary condition of the Schools? Good.

Dairies, Cowsheds, and Milkshops: Are they periodically inspected? Yes. What is their condition? Good, generally. Have regulations been made under the Order of the L.G.B.? Yes. Are they enforced? Yes. Amount of air space in cubic feet required for each cow? 600 c. ft.

Food unfit for Human Consumption. Amount seized? None.

Department of Inspector of Nuisances: No. of Notices served, 84. Nuisances remedied, 82. No. of Legal proceedings taken and result? None.

Closet accommodation of the District: No. of Privy Middens, 943. Pail Closets, 24. Fresh Water Closets, 50. Waste Water Closets, 15. No. of Privy Middens converted during 1908? To W.C.'s, none. To pails, &c., none.

* Small-pox; Scarlet Fever; Diphtheria and Membranous Croup; Fever: Typhus, Enteric and Continued; Measles; Whooping Cough and Diarrhoea.

† If you have the joint use of Isolation Hospital belonging to neighbouring Authority state nature of agreement. Is any Retaining Fee paid?

ASPULL DISTRICT COUNCIL.



Annual Report

OF THE

Medical Officer of Health,

FOR THE

Year ending December 31st, 1908.

R. PLATT, LTD., PRINTERS, WIGAN.